

STATUS OF THE CLAIMS

1.-16. Cancelled.

17. (Currently Amended) A method treating tumor, viral or bacterial infections or inflammatory diseases, wherein said tumor cells or cells affected by said infection or inflammation bear Hsp70 on their surface, said method comprising of:

- (a) contacting tumor cells bearing Hsp70 on their surface or cells affected by said infection or inflammation and bearing Hsp70 on their surface with administering a pharmaceutically effective amount of granzyme B to a human in need thereof;
- (b) allowing granzyme B to enter said cells via ion channels formed by said Hsp70 on the cell surface; and
- (c) allowing said cells to undergo apoptosis as a result of the enzymatic activity of granzyme B.

18-24. (Cancelled).

25. (Previously Presented) The method of claim 17, wherein granzyme B is administered in a final concentration of 1 μ g/ml to 500 μ g/ml.

26. (Previously Presented) The method of claim 17, wherein granzyme B is administered in a final concentration of 1ng/ml to 10 ng/ml.

27. (Previously Presented) The method of claim 26 wherein granzyme B is administered in a final concentration of about 6 ng/ml.

28. (Previously Presented) The method of claim 17, wherein the viral infection is an infection by HIV or Hepatitis virus.